I  Trade Name: Real-Kill® Multi-Purpose Insect Killer Concentrate

Product Type: Liquid dilutable insecticide concentrate

Product Item Number: 10041.1

Formula Code Number: 21-0360

EPA Registration Number: 9688-84-478

Manufacturer: Chemsico
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

Emergency Telephone Numbers
For Chemical Emergency: 1-800-633-2873
For Information: 1-800-332-5533
Prepared by: C. A. Duckworth
Date Prepared: October 5, 2000

II  Hazards Ingredient/Identity Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permethrin</td>
<td>2.5</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>CAS# 52645-53-1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

III  Physical and Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance &amp; Odor</td>
<td>Translucent straw colored, water-thin liquid with an aromatic solvent odor.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>220° F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0 (H2O = 1)</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Greater than 1 (Air = 1)</td>
</tr>
<tr>
<td>% Volatile (by vol.)</td>
<td>91%</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Greater than 93%</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Less than 1 (Butyl Acetate = 1)</td>
</tr>
</tbody>
</table>

IV  Fire and Explosive Hazards Data

Flash Point: NA - Will not burn
Flame Extension: NA
Flammable Limits: NA
Autoignition Temperature: NA
Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical
Decomposition Temperature: NA
Special Fire-Fighting Procedures: Use procedures for elimination of original fire source.
Unusual Fire & Explosion Hazards: None. Also see Section V.

V  Reactivity Data

Stability: Stable
Polymerization: Will not occur
Conditions to Avoid: None
Incompatible Materials: NA
Hazardous Decomposition or Byproducts: NA

VI  Health Hazard Data

Ingestion (Swallowing): May be harmful if swallowed. First Aid: Call a physician or Poison Control Center immediately.
Skin Contact: May be harmful if absorbed through skin. First Aid: Wash contaminated skin with soap and water.
Eye Contact: Avoid contact with eyes. First Aid: Rinse eyes for at least 15 minutes with plenty of water. Call a physician if irritation persists.
Inhalation Toxicity: Avoid breathing spray mist. First Aid: Remove to fresh air.
Special Notes: None
Health conditions Aggravated by Exposure: None
Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None

VII  Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:
Avoid contact with liquid. Soak up with absorbent material.

Waste Disposal:
Give to a qualified waste disposal service.

Handling & Storage Precautions:
Do not store where temperatures can exceed 54° C/130° F.

VIII  Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX  Transportation Data

DOT Shipping Name: Consumer Commodity
DOT Hazard Class: Not DOT regulated in available package

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.
Material Safety Data Sheet

I Trade Name: SpectracidePRO® Diazinon 4E 47.5% Insect Spray Concentrate

Product Type: Liquid dilutable concentrate insecticide

Product Item Number: 30150

EPA Registration Number

100-463-8845

Manufacturer
Chemisco
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

Formula Code Number: 21-0593

Emergency Telephone Numbers
For Chemical Emergency: 1-800-633-2873
For Information: 1-877-773-2776
Prepared by: C. A. Duckworth
Date Prepared: August 31, 1999

II Hazards Ingredient/Identity Information

Chemical
Aromatic petroleum
Hydrocarbon
CAS# 64742-94-5
Paraffinic petroleum Distillate
CAS# 64742-21-8
Diazinon
CAS# 333-41-5

OSHA PEL
100 ppm

ACGIH TLV

NA

0.1 mg/m³ (skin)
0.1 mg/m³ (skin)

Appearance & Odor:
Clear yellow liquid with strong diazinon odor.
Boiling Point:
NA
Melting Point:
NA
Vapor Pressure:
NA
Specific Gravity:
0.93 (H₂O = 1)
Vapor Density:
Greater than 1 (Air = 1)
% Volatile (by vol.):
70%
Solubility in Water:
Emulsifiable in water
Evaporation Rate:
Less than 1 (Butyl Acetate = 1)

III Physical and Chemical Characteristics

Stability:
Stable
Polymerization:
Will not occur
Conditions to Avoid:
Acid and bases
Incompatible Materials:
NA
Hazardous Decomposition or Byproducts:
OS-TEPP (In presence of trace amounts of water). This reaction will not occur when diazinon is mixed with large amounts of water.

IV Fire and Explosive Hazards Data

Flash Point:
155° F (ICC)
Flammable Limits:
NE
Autoignition Temperature:
NA
Decomposition Temperature:
NA
Special Fire-Fighting Procedures:
Keep containers cool to avoid explosive ignition. Use self-contained breathing apparatus in enclosed areas. Dike area to prevent runoff. Fight fire from upwind.
Unusual Fire & Explosion Hazards:
Vapors are heavier than air and may travel along ground to ignition sources distant from handling point. Vapors and fumes may be hazardous. Also see Section V.

V Reactivity Data


VI Health Hazard Data

Ingestion (Swallowing): Harmful if swallowed. First Aid: Consult a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

NOTE TO PHYSICIAN: This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present: atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. This product contains aromatic petroleum distillates, which may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

Skin Contact: Harmful if absorbed through skin. First Aid: Wash promptly with soap and water. Rinse thoroughly. Get medical attention.

Eye Contact: Cause moderate eye injury. First Aid: Rinse eyes with plenty of water and call a physician immediately.

Inhalation Toxicity: Harmful if inhaled. Avoid breathing vapors. First Aid: Remove to fresh air. Apply artificial respiration if indicated. Get medical attention.

Health conditions Aggravated by Exposure: Existing skin or respiratory disorders.

Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None

VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled:
Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up with absorbent material.

Waste Disposal:
Give to qualified waste disposal service.

Handling & Storage Precautions:
Store in well-ventilated area, away from food and beverages. Wash thoroughly after handling. Do not store where temperatures can exceed 54° C/130° F.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT Shipping Name: Consumer Commodity
DOT Hazard Class: Class III - A Liquid/Diazinon - RQ1

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